

#5



Our Docket No: 05493.P001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Malcolm J. Simons

Examiner: Not yet assigned

Application No.: 09/935,998

Art Unit: 1655

Filed: August 23, 2001

For: INTRON SEQUENCE ANALYSIS
METHOD FOR DETECTION OF
ADJACENT AND REMOTE LOCUS
ALLELES AS HAPLOTYPES

STATEMENT UNDER 37 C.F.R. §1.821(f)-(h)

Assistant Commissioner For Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

I hereby state that the sequence listing information recorded in computer readable form is identical to the written sequence listing. I further state that this sequence listing submission includes no new matter or matter which goes beyond the disclosure in the application as filed herein.

02/14/2002 AOSMAN1 00000053 09935998
01 FC:116 400.00 OP

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 1/10/02

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Seventh Floor
Los Angeles, California 90025-1026
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FIRST CLASS CERTIFICATE OF MAILING	
I hereby certify that I am causing the above-referenced correspondence to be deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231	
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Name of Person Mailing Correspondence:	Fran C. Rolfsen
	1-10-02
Signature	Date



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PAGE: 1
01/04/2002

VERIFICATION SUMMARY REPORT

DATE:

PATENT APPLICATION

TIME:

12:08:23

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Adjacent and Remote Locus Alleles as Haplotypes
7,<130> 05493.P001
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STATISTICS SUMMARY

Application Serial Number: US 09/935,998
Alpha or Numeric: Numeric
Application Class:
Application File Date: 2001-08-23
Art Unit:
Software Application: PatentIN3.1
Total Number of Sequences: 128
Total Nucleotides: 22486
Total Amino Acids: 0
Number of Errors: 0
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SEQUENCE LISTING

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720

tctgagtcct tcggcctcca ctcaggtcag gaccagaagt cgctgttcct ccctcagaga

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961

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<211> 806

<212> DNA

<213> Homo sapiens

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300

cggacaacta tcaacacgaa gcggggagga agcaggggct ggaaatgtcc acagactttg

360

ccaaagacaa agcccataat atctgaaagt cagtttcttc catcattttg tgtattaagg

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aatttgatgg agacgaggag ttctatgtgg acctggagag gaaggagact gtctggcagt

600

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660

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<210> 11
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300

cttttaactg gacaactacc aacatgaaga ggggaggaag caggggctgg aaatgtccac

360

agactgtgcc aaaaaatgaa gcccataata tttgaaagtc aggtctttcc atcattttgt

420

gtattaaggt tctttcttcc tctgttctcc gccttctgc ttgtcatctt cactcatcag

480

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600

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660

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240

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300

aattttaacc ggacaactac caacaataaa gtggaggaag caggggttgg aaatgtccac
360

aggctgtgcc aaagatgaag cccgtaatat ttgaaagtca gttctttttca tcatcatttt

420

gtgtattaag gttcttttctt cccctgttct ctcacttcct gcttgtcac ttcactcac

480

agctgaccac gtcgcctctt atgggtgtaaa cttgtaccag tcttacggtc cctctggcca

540

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660

catcgctgtc ctaaaacata acttgaacag tctgattaaa cgctccaact ctaccgctgc

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780

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<210> 13

<211> 1291

<212> DNA

<213> Homo sapiens

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180

tcctggacct atctcgatcat tccgttgaac tctcagattt atgtggataa ctttatctct

240

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300

gtgcagaggt gcatgtaaaa tcagcccgac tgcctcttcg ctgggttcac aggctcaggc

360

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420

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480

gggcgggcgg gaactggagg tcgcgcgggc ggttcacacg ctccaggccg ggtcagggcg

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gcggctgcgg gggcggccgg gctggggcct gactgaccgg ccggtgattc cccgcagagg

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660

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720

tgtaccgggc ggtgacgccg cagggggcgc ctgttgccga gtactggaac agccagaagg

780

aagtcctgga gaggaccggg gcggagttgg acacggtgtg cagacacaac tacgaggtgg

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1140

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1291

<210> 14

<211> 1290

<212> DNA

<213> Homo sapiens

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360

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420

gaaggcgggc agagctgggc agagccgccg ggaggatccc aggtctggag cgccaggcac

480

gggcgggcgg gaactggagg tcgcgcgggc ggttccacag ctccaggccg ggtcagggcg

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gcggctgcgg gggcggccgg gctggggcct gactgaccgg ccggtgattc cccgcagagg

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660

ttgtaaccag acacatctat aaccgagagg agtacgcgcg cttegacagc gacgtggggg

720

tgtaccgggc ggtgacgccg caggggcggc ctgttgccga gtactggaac agccagaagg

780

aagtcctgga gaggaccgg gcggagttgg acacgggtgtg cagacacaac tacgaggtgg

840

ggtagccgg gatcctgcag aggagaggtg agcgtcgtcg cccctccgtg agcgcaccct

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tggccgggac cccgagtctc tgtgccggga gggcgatggg ggcgaggtct ctgaaatctg

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1200

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1260

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1290

<210> 15

<211> 1292

<212> DNA

<213> Homo sapiens

<220>

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<222> (448)..(453)

<223> "N" is an unidentified nucleotide

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120

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240

atctctgagg taccgggagc tccatggaaa atgagatttc atgcgagAAC gccctgatcc

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ctctaagtgc agaggtccat gtaaaatcag cccgactgcc tcttcacttg gttcacaggc

360

cgagacaggg acagggcttt cctccctttc ctgcctgtag gaaggccgga tccccgaaga

420

cccccgagag ggcgggcagg gctggcanan ccnccgggag gatcccaggt ctgcagcgcg

480

aggcacgggc gggcgggAAC ttgtggtcgc gcgggctgtt ccacagctcc gggccgggtc

540

agggtggcgg ctgcgggggc ggacgggctg ggccgcactg accggccggt gattccccgc

600

agaggatttc gtgtaccagt ttaagggcat gtgctacttc accaacggga cagagcgcg

660

gcgtcttgtg agcagaagca tctataaccg agaagagatc gtgcgcttcg acagcgacgt

720

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780

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840

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900

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1080

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1140

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1200

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1260

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1292

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<211> 1306

<212> DNA

<213> Homo sapiens

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taagtgcaga ggtctatgta aaatcagccc gactgcctct tccctcggtt cacaggctcc

360

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720

cagcgacgtg ggggtgttcc gggcggtgac gccgcagggg ccgcctgccg ccgagtactg

780

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900

ccgtgaggcc catccttggc aggggcccag agtctctgcc gcgggagggg cgaagggggc

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1200

cagttctctc tgccccagt gccaccctc tccccctgcc cgccggcctc gctagcactg

1260

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1306

<210> 17

<211> 418

<212> DNA

<213> Homo sapiens

<400> 17

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gcaggaatgc tacgcgttta atgggacaca gcgcttcctg gagagataca tctacaaccg
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gccggacagg atgtgcagac acaactacga gctgggcggg cccatgaccc tgcagcgccg
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<212> DNA
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gtgggggagt tccgggcggt gacggagctg gggcggcctg atgaggacta ctggaacagc
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cagaaggaca tcctggagga ggagcgggca gtgccggaca gggatatgcag acacaactac
240

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300

<210> 19
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<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

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240

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300

<210> 21

<211> 23

<212> DNA

<213> Homo sapiens

<400> 21

catgtggcca tcttgagaat gga

23

<210> 22

<211> 24

<212> DNA

<213> Homo sapiens

<400> 22

gcccgggaga tctacaggcg atca

24

<210> 23

<211> 21

<212> DNA

<213> Homo sapiens

<400> 23

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21

<210> 24

<211> 19

<212> DNA

<213> Homo sapiens

<400> 24

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19

<210> 25
<211> 14
<212> DNA
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<400> 25
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14

<210> 26
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<212> DNA
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24

<210> 27
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<400> 28
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22

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25

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27

<210> 37
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33

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<210> 43
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<210> 47
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<400> 47
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<210> 48
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<210> 50
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<210> 57
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23

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